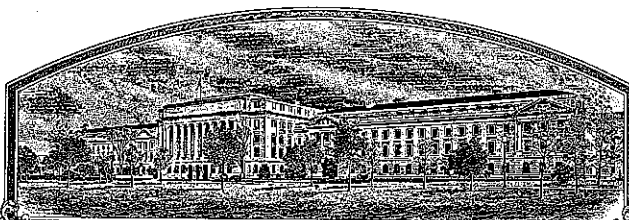


No.

200200089



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Ohio Agricultural Research and Development Center

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE SEED. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'OHIO FG3'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this tenth day of June, in the year two thousand two.

Attest:



Paul M. Jankel

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

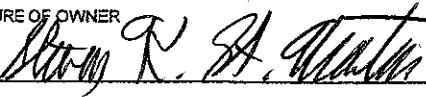
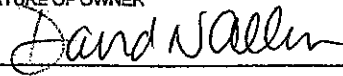
Earl C. Germain

Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICEAPPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER Ohio Agricultural Research and Development Center		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME HS96-3144	3. VARIETY NAME Ohio FG3
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) 1680 Madison Avenue Wooster, OH 44691		5. TELEPHONE (include area code) (330) 263-3701	FOR OFFICIAL USE ONLY PVPO NUMBER 200200089 FILING DATE 01/30/2002
		6. FAX (include area code) (330) 263-3688	
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) State Experiment Station	8. IF INCORPORATED, GIVE STATE OF INCORPORATION	9. DATE OF INCORPORATION	
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) Steven St. Martin Department of Horticulture and Crop Science The Ohio State University 202 Kottman Hall 2021 Coffey Road Columbus, OH 43210-1086			FILING AND EXAMINATION FEES: \$ 2,705.00 DATE 01/30/2002 CERTIFICATION FEE: \$ 320.00 DATE 5/29/02
11. TELEPHONE (include area code) (614) 292-8499	12. FAX (include area code) (614) 292-7162	13. E-MAIL stmartin+@osu.edu	14. CROP KIND (Common Name) soybean
15. GENUS AND SPECIES NAME OF CROP Glycine max		16. FAMILY NAME (Botanical) Fabaceae (Leguminosae)	
17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,705), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)		19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act <input checked="" type="checkbox"/> YES (If "yes", answer items 20 and 21 below) <input type="checkbox"/> NO (If "no", go to item 22)	
		20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED	
		21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, SPECIFY THE <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED NUMBER 1,2,3, etc. (If additional explanation is necessary, please use the space indicated on the reverse.)	
22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)		23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)	
24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.			
SIGNATURE OF OWNER 		SIGNATURE OF OWNER 	
NAME (Please print or type) Steven St. Martin		NAME (Please print or type) DAVID W. ALLEN	
CAPACITY OR TITLE Professor	DATE 26 NOV 01	CAPACITY OR TITLE Asst. VP	DATE 27 NOV 01 1

Ohio FG3 Exhibit A - Origin and Breeding History

Ohio FG3 (originally known as HS96-3144) was derived from the cross HS89-8843 × 'Ohio FG1'. The female parent, HS89-8843, is an experimental line selected from 'Hayes' × 'LS301'. The cross from which Ohio FG3 was selected was made in the summer of 1992 at Columbus, OH. The F₁ plant was produced in Puerto Rico during the winter of 1992-93. The F₂ population, from which individual plants were selected, was produced at Columbus in 1993. Individual F_{2,3} progeny were grown in single-row, 1.5-m-long plots in 1994. One such progeny row, designated HS94-8010, was bulked for continued testing in multi-location tests in Ohio in 1995 and 1996.

Individual F₄ plants from HS94-8010 were harvested in 1995, and F₄-derived progeny rows were grown and bulk-harvested in 1996. One such row was HS96-3144, which was tested for yield and agronomic traits in multiple Ohio locations annually from 1997 to 2000. The line was also tested for resistance to *Phytophthora* rot, for seed protein and oil composition, and for characteristics of soy milk and tofu, each test conducted in two or more years.

On February 14, 2001, the release of HS96-3144 under the name Ohio FG3 was approved by the Crop Variety Release and Distribution Committee of the Ohio Agricultural Research and Development Center (OARDC). This action was later approved by the director of OARDC.

Purification and multiplication of Ohio FG3 were initiated by selection of typical individual plants in 1998. Progeny rows were produced from these plants in 1999. Each row was inspected and rogued once at flowering and twice at maturity. Seed from uniform rows was increased in 2000, and the increase field was again inspected and rogued once at flowering and twice at maturity. Seed harvested from this increase was used to produce foundation seed at Croton, Ohio, in 2001, with the cooperation of Ohio Foundation Seeds, Inc. The field at Croton was inspected by the Ohio Seed Improvement Association, and seed samples will be submitted to the Association to complete the requirements for foundation seed.

Ohio FG3 possesses a plant type of suitable uniformity for commercialization. Stability of Ohio FG3's performance is indicated by consistent maturity, height, yield, seed size, pigment characteristics, disease reaction, and chemical composition relative to other cultivars in Ohio tests.

Amended statement on uniformity and stability for Ohio FG3

Ohio FG3 was observed for three years (1999-2001) during seed increase. Single-plant selections made in 1998 were maintained as separate lines during 1999 and 2000 in order to reveal any genetic variation within the cultivar. For the first two years, inspection took place at three stages, flowering, physiological maturity, and harvest maturity. In 2001, inspection took place at flowering and harvest maturity only. No variants were observed during the three years. Occasional tawny pubescent plants of outcross origin were observed and removed during mature inspection each year.

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'Ohio FG3' Exhibit B - Statement of Novelty
Amended April, 2002

Ohio FG3 is most similar to the cultivar 'Ohio FG1.' Like Ohio FG1, Ohio FG3 has relatively large seed (see Tables 1 and 2), purple flowers, gray pubescence, brown pods and yellow hilum. Ohio FG3 differs from Ohio FG1 in having two genes (*Rps1k* and *Rps3*) for resistance to Phytophthora rot, where Ohio FG1 carries only *Rps3*. In addition, Ohio FG3 is earlier than Ohio FG1 (see Tables 1 and 2).

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According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this collection of information is (0581-0055). The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT C
(Soybean)

OBJECTIVE DESCRIPTION OF VARIETY
SOYBEAN (*Glycine max* (L.) Merr.)

NAME OF APPLICANT(S) Ohio Agricultural Research and Development Center	FOR OFFICIAL USE ONLY 200200089
ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) 1680 Madison Avenue Wooster, OH 44691	PVPP NUMBER VARIETY NAME Ohio F63 bt: 01/30/2002 TEMPORARY OR EXPERIMENTAL DESIGNATION HS96-3/44 bt: 01/30/2002

PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place the appropriate number that describes the varietal character of this variety in the boxes below.

Place a zero in the first box (e.g.

9	9	9
---	---	---

 or

0	9
---	---

) when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used:

Please answer all questions for your variety; lack of response may delay progress of your application.

A. MORPHOLOGY

Seed Shape:

<table border="1" style="width: 40px; height: 40px; text-align: center; margin: 0 auto;">4</table>	<p>1 = Spherical (L/W, L/T, and T/W ratios < 1.2)</p> <p>3 = Elongate (L/T ratio > 1.2; T/W ratio < 1.2)</p>	<p>2 = Spherical-Flattened (L/W ratio > 1.2; L/T ratio < 1.2)</p> <p>4 = Elongate-Flattened (L/T ratio > 1.2; T/W ratio > 1.2)</p>
--	---	--

Seed Coat Color:

<table border="1" style="width: 40px; height: 40px; text-align: center; margin: 0 auto;">1</table>	1 = Yellow	2 = Green	3 = Brown	4 = Black	5 = Other (Please Specify) _____
--	------------	-----------	-----------	-----------	-------------------------------------

Seed Coat Luster:

<table border="1" style="width: 40px; height: 40px; text-align: center; margin: 0 auto;">1</table>	1 = Dull	2 = Shiny
--	----------	-----------

Seed Size:

<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 40px; height: 40px; text-align: center;">2</td><td style="width: 40px; height: 40px; text-align: center;">2</td></tr></table>	2	2	grams/100 seeds
2	2		

Hilum Color:

<table border="1" style="width: 40px; height: 40px; text-align: center; margin: 0 auto;">2</table>	1 = Buff	2 = Yellow	3 = Brown	4 = Gray	5 = Imperfect Black
	6 = Black	7 = Other (Please Specify) _____			

A. MORPHOLOGY (Continued)

Cotyledon Color:

☐ 1 = Yellow 2 = Green

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Seed Protein Peroxidase Activity:

☐ 1 = Low 2 = High

Hypocotyl Color:

☐ 3 1 = Green 2 = Green with Bronze 3 = Light Purple 4 = Dark Purple extending to
('Evans' or 'Davis') Bands below Cotyledon below Cotyledons unifoliate leaves ('Hodgson',
('Woodworth' or 'Tracy') ('Beeson' or 'Pickett 71') 'Coker', or 'Hampton 266A')

Leaf Shape:

☐ 3 1 = Lanceolate 2 = Oval 3 = Ovate 4 = Other (Please Specify) _____

Flower Color:

☐ 2 1 = White 2 = Purple 3 = White with a Purple Throat

Pod Color:

☐ 2 1 = Tan 2 = Brown 3 = Black

Pubescence Color:

☐ 1 1 = Gray 2 = Brown (Tawny) 3 = Light Tawny

Plant Habit:

☐ 3 1 = Determinate 2 = Semi - Determinate 3 = Indeterminate 4 = Intermediate

Maturity Group:

<input type="checkbox"/> 0	1 = 000	2 = 00	3 = 0	4 = I	5 = II
<input type="checkbox"/> 5	6 = III	7 = IV	8 = V	9 = VI	10 = VII
	11 = VIII	12 = IX	13 = X	14 = XI	15 = XII

Maturity Subgroup:

☐ 7 Please enter a value from 0 - 9

B. DISEASE REACTIONS

0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Tolerant

Bacterial

☐ 0 Bacterial Pustule (*Xanthomonas campestris* pv. *glycines* (Nakano) Dye)

☐ 0 Bacterial Blight (*Pseudomonas syringae* pv. *glycinea* (Coerper) Young, Dye, & Wilkie)

☐ 0 Wildfire Blight (*Pseudomonas syringae* pv. *tabaci* (Wolf & Foster) Young, Dye, & Wilkie)

Fungal

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Brown Spot (*Septoria glycines* Hemmi)

Frogeye Leaf Spot (*Cercospora sojina* Hara)

<input type="text" value="0"/> race 1	<input type="text" value="0"/> race 2	<input type="text" value="0"/> race 3	<input type="text" value="0"/> race 4
<input type="text" value="0"/> race 5	<input type="text" value="0"/> race 6	<input type="text" value="0"/> Other (Please Specify) _____	

Target Spot (*Corynespora cassicola* (Berk. & Curt.) Wei)

Downey Mildew (*Peronospora trifoliorum* var. *manchurica* (Naum.) Syd. ex Gäum)

Powdery Mildew (*Microsphaera diffusa* Cke. & Pk.)

Brown Stem Rot (*Phialophora gregata* (Allington & Chamberlain) W. Gams.)

Stem Canker (*Diaporthe phaseolorum* (Cke. & Ell.) Sacc. var. *caulivora* Athow & Caldwell)

Pod and Stem Blight (*Diaporthe phaseolorum* (Cke. & Ell.) Sacc. var. *sojae* (Lehman) Wehm.)

Purple Seed Stain (*Cercospora kikuchii* (T. Matsu. & Tomoyasu) Gardener)

Rhizoctonia Root Rot (*Rhizoctonia solani* Kühn)

Phytophthora Root Rot (*Phytophthora megasperma* Drechs. f. sp. *glycinea* (Kuan & Erwin))

<input type="text" value="2"/> race 1	<input type="text" value="2"/> race 8	<input type="text" value="2"/> race 15	<input type="text" value="2"/> race 22
<input type="text" value="2"/> race 2	<input type="text" value="2"/> race 9	<input type="text" value="2"/> race 16	<input type="text" value="2"/> race 23
<input type="text" value="2"/> race 3	<input type="text" value="2"/> race 10	<input type="text" value="2"/> race 17	<input type="text" value="2"/> race 24
<input type="text" value="2"/> race 4	<input type="text" value="2"/> race 11	<input type="text" value="2"/> race 18	<input type="text" value="2"/> race 25
<input type="text" value="2"/> race 5	<input type="text" value="1"/> race 12	<input type="text" value="1"/> race 19	<input type="text" value="2"/> race 26
<input type="text" value="2"/> race 6	<input type="text" value="2"/> race 13	<input type="text" value="1"/> race 20	<input type="text" value="0"/> Other (Please Specify) _____
<input type="text" value="2"/> race 7	<input type="text" value="2"/> race 14	<input type="text" value="2"/> race 21	

Bud Blight (Tobacco Ringspot Virus)

Yellow Mosaic (Bean Yellow Mosaic Virus)

B. DISEASE REACTIONS (Continued) 0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Tolerant

☐ 0 Cowpea Mosaic (Cowpea Chlorotic Virus)

☐ 1 Pod Mottle (Bean Pod Mottle Virus)

☐ 1 Seed Mottle (Soybean Mosaic Virus)

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Nematode

Soybean Cyst Nematode (*Heterodera glycines* Ichinohe)

☐ 0 race 1

☐ 0 race 4

☐ 0 race 9

☐ 0 race 2

☐ 0 race 5

☐ 0 race 14

☐ 0 race 3

☐ 0 race 6

☐ 0 Other (Please Specify) _____

☐ 0 Lance Nematode (*Hoplolaimus columbus* Sher)

☐ 0 Southern Root Knot Nematode (*Meloidogyne incognita* (Kofoid & White) Chitwood)

☐ 0 Northern Root Knot Nematode (*Meloidogyne hapla* Chitwood)

☐ 0 Peanut Root Knot Nematode (*Meloidogyne arenaria* (Neal) Chitwood)

☐ 0 Reniform Nematode (*Rotylenchus reniformus* Linwood & Olivera)

☐ 0 Javanese Nematode (*Meloidogyne javanica* (Treub) Chitwood)

☐ Other Nematode (Please Specify) _____

C. PHYSIOLOGICAL RESPONSES 0 = Not Tested 1 = Susceptible 2 = Resistant 3 = Tolerant

☐ 0 Iron Chlorosis on Calcareous Soil

☐ 0 Phosphorus

☐ Other (Please Specify) _____

☐ 0 Boron

☐ 0 Aluminum

☐ 0 Salt

☐ 0 Drought

D. INSECT REACTIONS

0 = Not Tested

1 = Susceptible

2 = Resistant

3 = Tolerant

Mexican Bean Beetle (*Epilachna varivestis* Mulsant)Potato Leaf Hopper (*Empoasca fabae* (Harris))

Other (Please Specify) _____

E. HERBICIDE REACTIONS

0 = Not Tested

1 = Susceptible

2 = Resistant

Metribuzin

Bentazone

Sulfonylurea

Glyphosate

Glufosinate

Pendimethalin

Other (Please Specify) _____

F. TRANSGENIC COMPOSITION

Has the development of the subject variety included the insertion of genetic material from an organism other than a soybean, or, the removal of genetic material from the application variety?

If yes, please complete the following information requests*. Use additional pages if necessary.

☐

YES

☒

NO

1. Please state the vector's name:

2. Please state the vector components:

3. Please describe the genetic material successfully transferred into the subject variety:

4. Please describe the insertion protocol:

* A literature citation(s) explaining the four information requests above may be an acceptable alternative to completion of the "Transgenic Composition" portion of this form.

G. BIOCHEMICAL MARKERS

Please describe any biochemical information here, which you believe will be helpful in further describing the subject variety (e.g. Simple Sequence Repeats, Restriction Fragment Length Polymorphisms, Isozymic Characterization). Use additional pages if necessary.

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Table 1. Summary of 2000 test of Ohio food-grade varieties and checks.

Entry	Date	Lodging mature	Ht. score ^a	Seed wt. in	g/100 ^b	Moldi- ness ^c	Mott- ling ^c	Yield (bu/a)			
								S. Char.	Lakeview	Hoytville	Wooster Mean
Conrad 94	9/ 7	1.4	25	16.4				50.1	51.2	52.4	46.2 50.0
IA 2041	9/ 9	1.4	27	20.2				48.4	38.8	54.2	37.3 44.7
HS96-3136 ^e	9/12	1.4	30	23.1	2.0	2.3		51.3	46.8	53.0	44.7 49.0
Vinton 81	9/12	1.4	29	21.0				46.9	39.5	— ^d	45.2 45.7 ^d
Tiffin	9/13	1.5	29	16.3				50.6	46.6	59.4	49.4 51.5
HS96-3140 ^e	9/13	1.4	31	23.1	2.2	2.8		53.2	41.6	53.9	47.0 48.9
HS96-3850 ^e	9/13	1.4	29	20.7	2.8	1.7		57.5	44.5	62.5	44.1 52.2
IA 3011	9/14	1.2	25	21.2				50.4	40.0	54.0	35.4 45.0
HS96-3144 ^e	9/15	1.4	29	22.4	1.4	2.7		52.5	41.5	51.7	40.1 46.5
HS96-3145 ^e	9/15	1.4	30	20.5	2.4	3.1		47.6	44.3	55.9	46.7 48.6
IA 3006	9/17	1.4	27	24.4				48.2	35.1	52.3	44.9 45.1
Defiance	9/17	1.3	31	18.6				56.2	47.9	56.6	57.5 54.6
Ohio FG2	9/18	1.4	30	23.0	2.0	2.9		52.4	36.6	57.2	51.3 49.4
Ohio FG1	9/19	1.4	28	23.4	2.0	2.2		56.1	56.4	59.2	58.9 57.7
Kottman	9/20	1.3	30	16.0				69.8	56.4	63.5	56.4 61.5
General	9/22	1.4	31	17.1				62.5	53.2	61.8	61.6 59.8
HS93-4118	9/24	1.3	29	15.5				63.3	59.8	60.9	63.9 62.0
LSD(0.05)	2	0.2	2	1.9	0.8	0.8		8.5	7.5	6.8	7.7 4.7

^arated from 1 (erect) to 5 (prostrate).^bgrams per 100 seeds; to convert to seeds/lb, divide 45360 by figure given (for example, 23.4 g/100 seeds equals 1938 seeds/lb).^cseed rated from 1 (excellent) to 5 (poor) for moldiness and mottling.^dpoor stands at Hoytville; mean yield column has least squares mean for valid comparisons to other entries.^eOARDC experimental line.

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Table 2. Summary of 2001 test of Ohio food-grade varieties and checks

Entry	Date	Lodging mature score	Ht in.	Seed wt. g/100	Yield (bu/a)†				Mean
					S.Ch	Lakev.	Hoyt.	Wst.	
HS96-3136	9/11	1.3	30	20.3	68.7	39.0	36.4	39.7	46.0
Ohio FG3	9/13	1.4	30	19.3	69.7	41.8	42.2	43.7	49.4
HS96-3850	9/14	1.4	29	18.4	66.0	45.2	41.4	42.4	48.8
Tiffin	9/16	1.6	29	15.9	72.0	50.0	46.5	50.9	54.9
HS96-3145	9/16	1.3	30	19.8	64.8	39.0	41.3	43.6	47.2
Defiance	9/20	1.3	30	17.8	70.1	40.9	46.8	51.7	52.4
HS96-3140	9/20	1.4	31	22.8	71.1	45.1	43.9	51.7	53.0
Ohio FG1	9/22	1.4	27	22.2	68.8	40.6	43.9	46.3	49.9
Kottman	9/25	1.3	29	16.1	79.0	51.4	43.8	48.8	55.8
General	9/26	1.4	29	16.6	73.7	49.9	43.8	53.0	55.1
HS93-4118	9/28	1.5	28	15.2	80.3	57.6	48.0	54.6	60.1
LSD(0.05)	2.4	0.2	1.9	1.1	10.7	7.5	5.8	6.0	4.5

†Location abbreviations: South Charleston, Lakeview, Hoytville, Wooster.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE**EXHIBIT E**
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) Ohio Agricultural Research & Development Center	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER HS96-3144	3. VARIETY NAME Ohio FG3
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) 1680 Madison Avenue Wooster, OH 44691	5. TELEPHONE (include area code) (330) 263-3701	6. FAX (include area code) (330) 263-3688
	7. PVPO NUMBER 200200089	
8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain. <div style="text-align: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</div>		
9. Is the applicant (individual or company) a U.S. national or U.S. based company? If no, give name of country <div style="text-align: right;"><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</div>		
10. Is the applicant the original owner? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no, please answer <u>one</u> of the following: a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)? <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO If no, give name of country</div> b. If original rights to variety were owned by a company(ies), is(are) the original owner(s) a U.S. based company? <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO If no, give name of country</div>		
11. Additional explanation on ownership (if needed, use reverse for extra space):		

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

STD-470-E (07-97) (Destroy previous editions).

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